

# WEST Search History for Application 10587927

Creation Date: 2010061312:00

## Prior Art Searches

Query	DB	Op.	Plur.	Thes.	Date
"hollow fiber" same (Cell near2 capture\$4)	PGPB, USPT	ADJ	YES		09-09-2009
("hollow fiber" same (Cell near2 capture\$4) ) and @ad<20040204	PGPB, USPT	ADJ	YES		09-09-2009
collection same (apparatus or container\$5 or vessel or device or instrument\$3)	PGPB, USPT	ADJ	YES		09-09-2009
collection same (apparatus or container\$5 or vessel or device or instrument\$3)	PGPB, USPT	ADJ	YES		09-09-2009
collection same (apparatus or container\$5 or vessel or device or instrument\$3)	PGPB, USPT	ADJ	YES		09-09-2009
microcosm or environment or microenvironment	PGPB, USPT	ADJ	YES		09-09-2009
(hollow fibre) same (cartridge or membrane or conainer)	PGPB, USPT	ADJ	YES		09-09-2009
(microcosm or environment or microenvironment ) same (collection same (apparatus or container\$5 or vessel or device or instrument\$3) )	PGPB, USPT	ADJ	YES		09-09-2009
((hollow fibre) same (cartridge or membrane or conainer) ) same (collection same (apparatus or container\$5 or vessel or device or instrument\$3) )	PGPB, USPT	ADJ	YES		09-09-2009
microorganism or sample	PGPB, USPT	ADJ	YES		09-09-2009
(collection same (apparatus or container\$5 or vessel or device or instrument\$3) ) same ((hollow fibre) same (cartridge or membrane or conainer) same collection same (apparatus or container\$5 or vessel or device or instrument\$3) )	PGPB, USPT	ADJ	YES		09-09-2009
(microorganism or sample ) same ((hollow fibre) same (cartridge or membrane or conainer) )	PGPB, USPT	ADJ	YES		09-09-2009
(collection same (apparatus or container\$5 or vessel or device or instrument\$3) ) same (collection same (apparatus or container\$5 or vessel or device or instrument\$3) )	PGPB, USPT	ADJ	YES		09-09-2009

(microorganism or sample same (hollow fibre) same (cartridge or membrane or conainer) ) same (microcosm or environment or microenvironment )	PGPB, USPT	ADJ	YES		09-09-2009
(microorganism or sample same (hollow fibre) same (cartridge or membrane or conainer) ) same ((hollow fibre) same (cartridge or membrane or conainer) same collection same (apparatus or container\$5 or vessel or device or instrument\$3) )	PGPB, USPT	ADJ	YES		09-09-2009
(microorganism or sample same (hollow fibre) same (cartridge or membrane or conainer) same microcosm or environment or microenvironment ) same (microcosm or environment or microenvironment )	PGPB, USPT	ADJ	YES		09-09-2009
(microorganism or sample ) and ((hollow fibre) same (cartridge or membrane or conainer) )	PGPB, USPT	ADJ	YES		09-09-2009
(microorganism or sample same (hollow fibre) same (cartridge or membrane or conainer) same microcosm or environment or microenvironment ) and (microcosm or environment or microenvironment )	PGPB, USPT	ADJ	YES		09-09-2009
(microorganism or sample and (hollow fibre) same (cartridge or membrane or conainer) ) and (microorganism or sample same (hollow fibre) same (cartridge or membrane or conainer) same microcosm or environment or microenvironment same microcosm or environment or microenvironment )	PGPB, USPT	ADJ	YES		09-09-2009
(microorganism or sample and (hollow fibre) same (cartridge or membrane or conainer) and microorganism or sample same (hollow fibre) same (cartridge or membrane or conainer) same microcosm or environment or microenvironment same microcosm or environment or microenvironment ) same ("hollow fiber" same (Cell near2 capture\$4) and @ad<20040204 )	PGPB, USPT	ADJ	YES		09-09-2009
(microorganism or sample and (hollow fibre) same (cartridge or membrane or conainer) and microorganism or sample same (hollow fibre) same (cartridge or membrane or conainer) same microcosm or environment or microenvironment same microcosm or environment or microenvironment ) and ("hollow fiber" same (Cell near2 capture\$4) and @ad<20040204 )	PGPB, USPT	ADJ	YES		09-09-2009
"hollow fiber" and (Cell and capture\$4)	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-09-2009

collect\$8 and (apparatus or container\$5 or vessel or device or instrument\$3)	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-09-2009
microcosm or environment or microenvironment or environment or habitat	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-09-2009
(hollow fibre) and (cartridge or membrane or conainer)	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-09-2009
microorganism or sample	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-09-2009
(microorganism or sample ) and (collect\$8 and (apparatus or container\$5 or vessel or device or instrument\$3) )	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-09-2009
(microorganism or sample and collect\$8 and (apparatus or container\$5 or vessel or device or instrument\$3) ) and (microcosm or environment or microenvironment or environment or habitat )	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-09-2009
(microorganism or sample and collect\$8 and (apparatus or container\$5 or vessel or device or instrument\$3) and microcosm or environment or microenvironment or environment or habitat ) and ((hollow fibre) and (cartridge or membrane or conainer) )	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-09-2009
(microorganism or sample and collect\$8 and (apparatus or container\$5 or vessel or device or instrument\$3) and microcosm or environment or microenvironment or environment or habitat and (hollow fibre) and (cartridge or membrane or conainer) ) and ("hollow fiber" and (Cell and capture\$4) )	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-09-2009
(microorganism or sample and collect\$8 and (apparatus or container\$5 or vessel or device or instrument\$3) and microcosm or environment or microenvironment or environment or habitat and (hollow fibre) and (cartridge or membrane or conainer) ) and	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-09-2009
(microorganism or sample and collect\$8 and (apparatus or container\$5 or vessel or device or instrument\$3) and microcosm or environment or microenvironment or environment or habitat and (hollow fibre) and	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-09-2009

(cartridge or membrane or container) ) and @ad<20040204					
("hollow fiber" and (Cell and capture\$4) ) and @ad<20040204	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-09-2009
("hollow fiber" and (Cell and capture\$4) and @ad<20040204 ) and (microorganism or sample and collect\$8 and (apparatus or container\$5 or vessel or device or instrument\$3) and microcosm or environment or microenvironment or environment or habitat and (hollow fibre) and (cartridge or membrane or container) and @ad<20040204 )	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-09-2009
6187530.pn.	USPT	ADJ	YES		09-13-2009
"Maldi-tof"	USPT	ADJ	YES		09-13-2009
("Maldi-tof" ) same (6187530.pn. )	USPT	ADJ	YES		09-13-2009
5830696.pn.	USPT	ADJ	YES		09-13-2009
("Maldi-tof" ) and (6187530.pn. )	USPT	ADJ	YES		09-13-2009
("Maldi-tof" ) and (5830696.pn. )	USPT	ADJ	YES		09-13-2009
autosampler same microbe	USPT	ADJ	YES		09-13-2009
autosampler same microorganism	USPT	ADJ	YES		09-13-2009
"DNA" same "MALDI-TOF"	USPT	ADJ	YES		09-13-2009
("DNA" same "MALDI-TOF" ) same (autosampler same microorganism )	USPT	ADJ	YES		09-13-2009
Collect\$7 same device	USPT	ADJ	YES		09-13-2009
microorganism or (Biologic\$5 sample)	USPT	ADJ	YES		09-13-2009
(microorganism or (Biologic\$5 sample) ) same (Collect\$7 same device )	USPT	ADJ	YES		09-13-2009
(microorganism or (Biologic\$5 sample) same Collect\$7 same device ) same ("DNA" same "MALDI-TOF" )	USPT	ADJ	YES		09-13-2009
(autosampler same microorganism ) same (microorganism or (Biologic\$5 sample) same Collect\$7 same device )	USPT	ADJ	YES		09-13-2009
("DNA" same "MALDI-TOF" ) same (Collect\$7 same device )	USPT	ADJ	YES		09-13-2009
("DNA" same "MALDI-TOF" ) same (microorganism or (Biologic\$5 sample) )	USPT	ADJ	YES		09-13-2009

("DNA" same "MALDI-TOF" same microorganism or (Biologic\$5 sample) ) same ("DNA" same "MALDI-TOF" same Collect\$7 same device )	USPT	ADJ	YES		09-13-2009
automat\$7 same (sample collect\$8)	USPT	ADJ	YES		09-13-2009
(collect\$8 same (device or apparatus or instrument\$7))	USPT	ADJ	YES		09-13-2009
automat\$7 same (sample collect\$8)	PGPB, USPT	ADJ	YES		09-13-2009
(collect\$8 same (device or apparatus or instrument\$7))	PGPB, USPT	ADJ	YES		09-13-2009
"Maldi-tof"	PGPB, USPT	ADJ	YES		09-13-2009
autosampler same microorganism	PGPB, USPT	ADJ	YES		09-13-2009
"DNA" same "MALDI-TOF"	PGPB, USPT	ADJ	YES		09-13-2009
Collect\$7 same device	PGPB, USPT	ADJ	YES		09-13-2009
microorganism or (Biologic\$5 sample)	PGPB, USPT	ADJ	YES		09-13-2009
(microorganism or (Biologic\$5 sample) ) same ("DNA" same "MALDI-TOF" )	PGPB, USPT	ADJ	YES		09-13-2009
(Collect\$7 same device ) same ("DNA" same "MALDI-TOF" )	PGPB, USPT	ADJ	YES		09-13-2009
(analyz\$6 or Analys\$8) same ("DNA" same "MALDI-TOF" )	PGPB, USPT	ADJ	YES		09-13-2009
(automat\$7 same (sample collect\$8) ) same ((collect\$8 same (device or apparatus or instrument\$7)) )	PGPB, USPT	ADJ	YES		09-13-2009
(automat\$7 same (sample collect\$8) same (collect\$8 same (device or apparatus or instrument\$7)) ) same ("Maldi-tof" )	PGPB, USPT	ADJ	YES		09-13-2009
(automat\$7 same (sample collect\$8) same (collect\$8 same (device or apparatus or instrument\$7)) ) same ((analyz\$6 or Analys\$8) same "DNA" same "MALDI-TOF" )	PGPB, USPT	ADJ	YES		09-13-2009
(automat\$7 same (sample collect\$8) same (collect\$8 same (device or apparatus or instrument\$7)) ) same (microorganism or (Biologic\$5 sample) same "DNA" same "MALDI-TOF" )	PGPB, USPT	ADJ	YES		09-13-2009
		ADJ	YES		09-13-2009

(automat\$7 same (sample collect\$8) same (collect\$8 same (device or apparatus or instrument\$7)) ) same (Collect\$7 same device )	PGPB, USPT				
(automat\$7 same (sample collect\$8) same (collect\$8 same (device or apparatus or instrument\$7)) same Collect\$7 same device ) same (autosampler same microbe )	PGPB, USPT	ADJ	YES		09-13-2009
(automat\$7 same (sample collect\$8) same (collect\$8 same (device or apparatus or instrument\$7)) same Collect\$7 same device ) same (microorganism or (Biologic\$5 sample) )	PGPB, USPT	ADJ	YES		09-13-2009
(automat\$7 same (sample collect\$8) same (collect\$8 same (device or apparatus or instrument\$7)) same Collect\$7 same device same microorganism or (Biologic\$5 sample) ) same (automat\$7 same (sample collect\$8) same (collect\$8 same (device or apparatus or instrument\$7)) same (analyz\$6 or Analys\$8) same "DNA" same "MALDI-TOF" )	PGPB, USPT	ADJ	YES		09-13-2009
(automat\$7 same (sample collect\$8) same (collect\$8 same (device or apparatus or instrument\$7)) same Collect\$7 same device same microorganism or (Biologic\$5 sample) ) same (automat\$7 same (sample collect\$8) same (collect\$8 same (device or apparatus or instrument\$7)) same "Maldi-tof" )	PGPB, USPT	ADJ	YES		09-13-2009
(automat\$7 same (sample collect\$8) same (collect\$8 same (device or apparatus or instrument\$7)) same Collect\$7 same device same microorganism or (Biologic\$5 sample) ) same (Collect\$7 same device same "DNA" same "MALDI-TOF" )	PGPB, USPT	ADJ	YES		09-13-2009
(automat\$7 same (sample collect\$8) same (collect\$8 same (device or apparatus or instrument\$7)) same Collect\$7 same device same microorganism or (Biologic\$5 sample) ) same (microorganism or (Biologic\$5 sample) same "DNA" same "MALDI-TOF" )	PGPB, USPT	ADJ	YES		09-13-2009
(automat\$7 same (sample collect\$8) same (collect\$8 same (device or apparatus or instrument\$7)) same Collect\$7 same device same microorganism or (Biologic\$5 sample) ) same (autosampler same microorganism )	PGPB, USPT	ADJ	YES		09-13-2009
(automat\$7 same (sample collect\$8) same (collect\$8 same (device or apparatus or instrument\$7)) same Collect\$7 same device same microorganism or (Biologic\$5 sample) ) same ((collect\$8 same (device or apparatus or instrument\$7)) )	PGPB, USPT	ADJ	YES		09-13-2009

(automat\$7 same (sample collect\$8) same (collect\$8 same (device or apparatus or instrument\$7)) same Collect\$7 same device same microorganism or (Biologic\$5 sample) same (collect\$8 same (device or apparatus or instrument\$7)) ) same (automat\$7 same (sample collect\$8) )	PGPB, USPT	ADJ	YES		09-13-2009
(automat\$7 same (sample collect\$8) same (collect\$8 same (device or apparatus or instrument\$7)) same Collect\$7 same device same microorganism or (Biologic\$5 sample) same (collect\$8 same (device or apparatus or instrument\$7)) same automat\$7 same (sample collect\$8) ) same ("DNA" same "MALDI-TOF" )	PGPB, USPT	ADJ	YES		09-13-2009
(membrane or ("hollow fiber"))same (Cell near2(collect\$8 or captur\$4))	PGPB, USPT	ADJ	YES		09-13-2009
((membrane or ("hollow fiber"))same (Cell near2(collect\$8 or captur\$4)) ) same (automat\$7 same (sample collect\$8) same (collect\$8 same (device or apparatus or instrument\$7)) same Collect\$7 same device same microorganism or (Biologic\$5 sample) same (collect\$8 same (device or apparatus or instrument\$7)) same automat\$7 same (sample collect\$8) )	PGPB, USPT	ADJ	YES		09-13-2009
((membrane or ("hollow fiber"))same (Cell near2(collect\$8 or captur\$4)) ) same (automat\$7 same (sample collect\$8) same (collect\$8 same (device or apparatus or instrument\$7)) same Collect\$7 same device same microorganism or (Biologic\$5 sample) same (collect\$8 same (device or apparatus or instrument\$7)) same automat\$7 same (sample collect\$8) same "DNA" same "MALDI-TOF" )	PGPB, USPT	ADJ	YES		09-13-2009
((membrane or ("hollow fiber"))same (Cell near2(collect\$8 or captur\$4)) ) same (automat\$7 same (sample collect\$8) same (collect\$8 same (device or apparatus or instrument\$7)) same Collect\$7 same device )	PGPB, USPT	ADJ	YES		09-13-2009
((membrane or ("hollow fiber"))same (Cell near2(collect\$8 or captur\$4)) ) same (automat\$7 same (sample collect\$8) same (collect\$8 same (device or apparatus or instrument\$7)) )	PGPB, USPT	ADJ	YES		09-13-2009
((membrane or ("hollow fiber"))same (Cell near2(collect\$8 or captur\$4)) same automat\$7 same (sample collect\$8) same (collect\$8 same (device or apparatus or instrument\$7)) ) same (Collect\$7 same device same "DNA" same "MALDI-TOF" )	PGPB, USPT	ADJ	YES		09-13-2009
		ADJ	YES		09-13-2009

((membrane or ("hollow fiber"))same (Cell near2(collect\$8 or captur\$4)) same automat\$7 same (sample collect\$8) same (collect\$8 same (device or apparatus or instrument\$7)) ) same (microorganism or (Biologic\$5 sample) same "DNA" same "MALDI-TOF" )	PGPB, USPT				
((membrane or ("hollow fiber"))same (Cell near2(collect\$8 or captur\$4)) same automat\$7 same (sample collect\$8) same (collect\$8 same (device or apparatus or instrument\$7)) ) same ((collect\$8 same (device or apparatus or instrument\$7)))	PGPB, USPT	ADJ	YES		09-13-2009
((membrane or ("hollow fiber"))same (Cell near2(collect\$8 or captur\$4)) same automat\$7 same (sample collect\$8) same (collect\$8 same (device or apparatus or instrument\$7)) ) same ((collect\$8 same (device or apparatus or instrument\$7)) ) same (automat\$7 same (sample collect\$8) )	PGPB, USPT	ADJ	YES		09-13-2009
((membrane or ("hollow fiber"))same (Cell near2(collect\$8 or captur\$4)) same automat\$7 same (sample collect\$8) same (collect\$8 same (device or apparatus or instrument\$7)) same (collect\$8 same (device or apparatus or instrument\$7)) same automat\$7 same (sample collect\$8) ) and @ad<2004004	PGPB, USPT	ADJ	YES		09-13-2009
(autosampler same microorganism same microorganism or (Biologic\$5 sample) same Collect\$7 same device ) same ("DNA" same "MALDI-TOF" )	PGPB, USPT	ADJ	YES		09-13-2009
(autosampler same microorganism same microorganism or (Biologic\$5 sample) same Collect\$7 same device ) and (5830696.pn. )	PGPB, USPT	ADJ	YES		09-13-2009
(Collect\$7 same device ) same (microorganism or (Biologic\$5 sample) )	PGPB, USPT	ADJ	YES		09-13-2009
(Collect\$7 same device same microorganism or (Biologic\$5 sample) ) same (microorganism or (Biologic\$5 sample) same Collect\$7 same device )	PGPB, USPT	ADJ	YES		09-13-2009
(Collect\$7 same device same microorganism or (Biologic\$5 sample) same microorganism or (Biologic\$5 sample) same Collect\$7 same device ) sameL13	PGPB, USPT	ADJ	YES		09-13-2009
(Collect\$7 same device same microorganism or (Biologic\$5 sample) same microorganism or (Biologic\$5 sample) same Collect\$7 same device ) same (microorganism or (Biologic\$5 sample) same Collect\$7 same device )	PGPB, USPT	ADJ	YES		09-13-2009
(Collect\$7 same device same microorganism or (Biologic\$5 sample) same microorganism or (Biologic\$5	PGPB, USPT	ADJ	YES		09-13-2009

sample) same Collect\$7 same device same microorganism or (Biologic\$5 sample) same Collect\$7 same device ) same ( ("Maldi-tof" ) or ("DNA" same "MALDI-TOF" ) )					
(Collect\$7 same device same microorganism or (Biologic\$5 sample) same microorganism or (Biologic\$5 sample) same Collect\$7 same device same microorganism or (Biologic\$5 sample) same Collect\$7 same device ) same ("DNA" same "MALDI-TOF" )	PGPB, USPT	ADJ	YES		09-13-2009
(Collect\$7 same device same microorganism or (Biologic\$5 sample) same microorganism or (Biologic\$5 sample) same Collect\$7 same device same microorganism or (Biologic\$5 sample) same Collect\$7 same device ) same ("Maldi-tof" )	PGPB, USPT	ADJ	YES		09-13-2009
(autosampler same microorganism same microorganism or (Biologic\$5 sample) same Collect\$7 same device ) same ("DNA" same "MALDI-TOF" same microorganism or (Biologic\$5 sample) )	PGPB, USPT	ADJ	YES		09-13-2009
(autosampler same microorganism same microorganism or (Biologic\$5 sample) same Collect\$7 same device ) and ("DNA" same "MALDI-TOF" same microorganism or (Biologic\$5 sample) )	PGPB, USPT	ADJ	YES		09-13-2009
(6187530.pn.) and ("Maldi-tof" )	PGPB, USPT	ADJ	YES		09-13-2009
(automat\$7 same (sample collect\$8) ) and ((collect\$8 same (device or apparatus or instrument\$7)) )	PGPB, USPT	ADJ	YES		09-13-2009
(automat\$7 same (sample collect\$8) and (collect\$8 same (device or apparatus or instrument\$7)) ) and ("Maldi-tof" )	PGPB, USPT	ADJ	YES		09-13-2009
(automat\$7 same (sample collect\$8) and (collect\$8 same (device or apparatus or instrument\$7)) and "Maldi-tof" ) and (Collect\$7 same device )	PGPB, USPT	ADJ	YES		09-13-2009
(automat\$7 same (sample collect\$8) and (collect\$8 same (device or apparatus or instrument\$7)) and "Maldi-tof" and Collect\$7 same device ) and (microorganism or (Biologic\$5 sample) )	PGPB, USPT	ADJ	YES		09-13-2009
(automat\$7 same (sample collect\$8) and (collect\$8 same (device or apparatus or instrument\$7)) and "Maldi-tof" and Collect\$7 same device and microorganism or (Biologic\$5 sample) ) and ((analyz\$6 or Analys\$8) same "DNA" same "MALDI-TOF" )	PGPB, USPT	ADJ	YES		09-13-2009
(automat\$7 same (sample collect\$8) and (collect\$8 same (device or apparatus or instrument\$7)) and "Maldi-tof"	PGPB, USPT	ADJ	YES		09-13-2009

and Collect\$7 same device and microorganism or (Biologic\$5 sample) ) and ((membrane or ("hollow fiber"))same (Cell near2(collect\$8 or captur\$4)) )				
(automat\$7 same (sample collect\$8) and (collect\$8 same (device or apparatus or instrument\$7)) and "Maldi-tof" and Collect\$7 same device and microorganism or (Biologic\$5 sample) ) and @ad<2004004	PGPB, USPT	ADJ	YES	09-13-2009
(automat\$7 same (sample collect\$8) and (collect\$8 same (device or apparatus or instrument\$7)) and "Maldi-tof" and Collect\$7 same device ) and @ad<2004004	PGPB, USPT	ADJ	YES	09-13-2009
(automat\$7 same (sample collect\$8) and (collect\$8 same (device or apparatus or instrument\$7)) and "Maldi-tof" ) and @ad<2004004	PGPB, USPT	ADJ	YES	09-13-2009
(automat\$7 same (sample collect\$8) and (collect\$8 same (device or apparatus or instrument\$7)) and "Maldi-tof" and Collect\$7 same device and microorganism or (Biologic\$5 sample) ) and Spectrometry	PGPB, USPT	ADJ	YES	09-13-2009
("MALDI-TOF") and Spectrometry	PGPB, USPT	ADJ	YES	09-13-2009
((MALDI-TOF") and Spectrometry ) and (automat\$7 same (sample collect\$8) and (collect\$8 same (device or apparatus or instrument\$7)) and "Maldi-tof" and Collect\$7 same device and microorganism or (Biologic\$5 sample) and Spectrometry )	PGPB, USPT	ADJ	YES	09-13-2009
(Biological macromolecule) or ("DNA")	PGPB, USPT	ADJ	YES	09-13-2009
(Biological cell) or sample	PGPB, USPT	ADJ	YES	09-13-2009
((Biological cell) or sample ) same ((Biological macromolecule) or ("DNA"))	PGPB, USPT	ADJ	YES	09-13-2009
((Biological cell) or sample same (Biological macromolecule) or ("DNA")) and ((MALDI-TOF") and Spectrometry and automat\$7 same (sample collect\$8) and (collect\$8 same (device or apparatus or instrument\$7)) and "Maldi-tof" and Collect\$7 same device and microorganism or (Biologic\$5 sample) and Spectrometry )	PGPB, USPT	ADJ	YES	09-13-2009
((Biological cell) or sample same (Biological macromolecule) or ("DNA") and ("MALDI-TOF") and Spectrometry and automat\$7 same (sample collect\$8) and (collect\$8 same (device or apparatus or instrument\$7)) and "Maldi-tof" and Collect\$7 same device and microorganism or (Biologic\$5 sample) and	PGPB, USPT	ADJ	YES	09-13-2009

Spectrometry ) and @ad<2004004					
((Biological cell) or sample same (Biological macromolecule) or ("DNA") and ("MALDI-TOF") and Spectrometry and automat\$7 same (sample collect\$8) and (collect\$8 same (device or apparatus or instrument\$7)) and "Maldi-tof" and Collect\$7 same device and microorganism or (Biologic\$5 sample) and Spectrometry ) and @ad<20040204	PGPB, USPT	ADJ	YES		09-13-2009
(automat\$7 same (sample collect\$8) and (collect\$8 same (device or apparatus or instrument\$7)) and "Maldi-tof" ) and @ad<20040204	PGPB, USPT	ADJ	YES		09-13-2009
(automat\$7 same (sample collect\$8) and (collect\$8 same (device or apparatus or instrument\$7)) and "Maldi-tof" and Collect\$7 same device ) and @ad<20040204	PGPB, USPT	ADJ	YES		09-13-2009
(automat\$7 same (sample collect\$8) and (collect\$8 same (device or apparatus or instrument\$7)) and "Maldi-tof" and Collect\$7 same device and microorganism or (Biologic\$5 sample) ) and @ad<20040204	PGPB, USPT	ADJ	YES		09-13-2009
(automat\$7 same (sample collect\$8) and (collect\$8 same (device or apparatus or instrument\$7)) and "Maldi-tof" and Collect\$7 same device and microorganism or (Biologic\$5 sample) and @ad<20040204 ) and ((Biological cell) or sample same (Biological macromolecule) or ("DNA") and ("MALDI-TOF") and Spectrometry and automat\$7 same (sample collect\$8) and (collect\$8 same (device or apparatus or instrument\$7)) and "Maldi-tof" and Collect\$7 same device and microorganism or (Biologic\$5 sample) and Spectrometry and @ad<20040204 )	PGPB, USPT	ADJ	YES		09-13-2009
6187530.pn.	PGPB, USPT	ADJ	YES		09-13-2009
5830696.pn.	PGPB, USPT	ADJ	YES		09-13-2009
(5830696.pn. ) and (automat\$7 same (sample collect\$8) and (collect\$8 same (device or apparatus or instrument\$7)) and "Maldi-tof" and Collect\$7 same device and microorganism or (Biologic\$5 sample) and @ad<20040204 and (Biological cell) or sample same (Biological macromolecule) or ("DNA") and ("MALDI-TOF") and Spectrometry and automat\$7 same (sample collect\$8) and (collect\$8 same (device or apparatus or instrument\$7)) and "Maldi-tof" and Collect\$7 same device and microorganism or (Biologic\$5 sample) and Spectrometry and @ad<20040204 )	PGPB, USPT	ADJ	YES		09-13-2009

(5830696.pn.) and (6187530.pn.)	PGPB, USPT	ADJ	YES		09-13-2009
(autosampler same microorganism same microorganism or (Biologic\$5 sample) same Collect\$7 same device ) and (automat\$7 same (sample collect\$8) and (collect\$8 same (device or apparatus or instrument\$7)) and "Maldi-tof" and Collect\$7 same device and microorganism or (Biologic\$5 sample) and @ad<20040204 and (Biological cell) or sample same (Biological macromolecule) or ("DNA") and ("MALDI-TOF") and Spectrometry and automat\$7 same (sample collect\$8) and (collect\$8 same (device or apparatus or instrument\$7)) and "Maldi-tof" and Collect\$7 same device and microorganism or (Biologic\$5 sample) and Spectrometry and @ad<20040204 )	PGPB, USPT	ADJ	YES		09-13-2009
Aquatic sample	PGPB, USPT	ADJ	YES		09-13-2009
(Aquatic sample ) or environmental sample	PGPB, USPT	ADJ	YES		09-13-2009
(Aquatic sample or environmental sample ) and ("DNA" same "MALDI-TOF" )	PGPB, USPT	ADJ	YES		09-13-2009
(Aquatic sample or environmental sample and "DNA" same "MALDI-TOF" ) and (automat\$7 same (sample collect\$8) and (collect\$8 same (device or apparatus or instrument\$7)) and "Maldi-tof" and Collect\$7 same device and microorganism or (Biologic\$5 sample) and @ad<20040204 and (Biological cell) or sample same (Biological macromolecule) or ("DNA") and ("MALDI-TOF") and Spectrometry and automat\$7 same (sample collect\$8) and (collect\$8 same (device or apparatus or instrument\$7)) and "Maldi-tof" and Collect\$7 same device and microorganism or (Biologic\$5 sample) and Spectrometry and @ad<20040204 )	PGPB, USPT	ADJ	YES		09-13-2009
(Aquatic sample or environmental sample and "DNA" same "MALDI-TOF" ) and (6187530.pn. )	PGPB, USPT	ADJ	YES		09-13-2009
(Aquatic sample ) and ("DNA" same "MALDI-TOF" )	PGPB, USPT	ADJ	YES		09-13-2009
(Aquatic sample ) and (6187530.pn. )	PGPB, USPT	ADJ	YES		09-13-2009
(Aquatic sample ) and (automat\$7 same (sample collect\$8) and (collect\$8 same (device or apparatus or instrument\$7)) and "Maldi-tof" and Collect\$7 same device and microorganism or (Biologic\$5 sample) and	PGPB, USPT	ADJ	YES		09-13-2009

@ad<20040204 and (Biological cell) or sample same (Biological macromolecule) or ("DNA") and ("MALDI-TOF") and Spectrometry and automat\$7 same (sample collect\$8) and (collect\$8 same (device or apparatus or instrument\$7)) and "Maldi-tof" and Collect\$7 same device and microorganism or (Biologic\$5 sample) and Spectrometry and @ad<20040204 )					
(Aquatic sample ) and (autosampler same microorganism same microorganism or (Biologic\$5 sample) same Collect\$7 same device )	PGPB, USPT	ADJ	YES		09-13-2009
(Aquatic sample ) and ((membrane or ("hollow fiber"))same (Cell near2(collect\$8 or captur\$4)))	PGPB, USPT	ADJ	YES		09-13-2009
(Aquatic sample and (membrane or ("hollow fiber"))same (Cell near2(collect\$8 or captur\$4)) ) and (microorganism or (Biologic\$5 sample) )	PGPB, USPT	ADJ	YES		09-13-2009
(Aquatic sample and (membrane or ("hollow fiber"))same (Cell near2(collect\$8 or captur\$4)) and microorganism or (Biologic\$5 sample) ) and ("Maldi-tof" )	PGPB, USPT	ADJ	YES		09-13-2009
(Aquatic sample and (membrane or ("hollow fiber"))same (Cell near2(collect\$8 or captur\$4)) and microorganism or (Biologic\$5 sample) ) and ("DNA" same "MALDI-TOF" )	PGPB, USPT	ADJ	YES		09-13-2009
(Aquatic sample and (membrane or ("hollow fiber"))same (Cell near2(collect\$8 or captur\$4)) and microorganism or (Biologic\$5 sample) ) and "MALDI"	PGPB, USPT	ADJ	YES		09-13-2009
"DNA" and Fingerprint\$8	PGPB, USPT	ADJ	YES		09-13-2009
("DNA" and Fingerprint\$8 ) and ("DNA" same "MALDI-TOF" )	PGPB, USPT	ADJ	YES		09-13-2009
((Biological cell) or sample ) and (Aquatic sample )	PGPB, USPT	ADJ	YES		09-13-2009
((Biological cell) or sample and Aquatic sample ) and ((collect\$8 same (device or apparatus or instrument\$7)) )	PGPB, USPT	ADJ	YES		09-13-2009
((Biological cell) or sample and Aquatic sample and (collect\$8 same (device or apparatus or instrument\$7)) ) and @ad<20040204	PGPB, USPT	ADJ	YES		09-13-2009
autosampler and microorganism	USOC, EPAB, JPAB,	ADJ	YES		09-13-2009

	DWPI				
<b>DNA" and "MALDI-TOF"</b>	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-13-2009
<b>"DNA" and "MALDI-TOF"</b>	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-13-2009
<b>Collect\$7 and device</b>	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-13-2009
<b>microorganism or (Biologic\$5 sample)</b>	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-13-2009
<b>automat\$7 and (sample collect\$8)</b>	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-13-2009
<b>(collect\$8 and (device or apparatus or instrument\$7))</b>	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-13-2009
<b>(analyz\$6 or Analys\$8)</b>	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-13-2009
<b>("MALDI-TOF") and Spectrometry</b>	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-13-2009
<b>Aquatic sample</b>	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-13-2009
<b>DNA" and Fingerprint\$8</b>	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-13-2009
<b>"DNA" and Fingerprint\$8</b>	USOC, EPAB,	ADJ	YES		09-13-2009

	JPAB, DWPI				
(Collect\$7 and device ) and (microorganism or (Biologic\$5 sample) )	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-13-2009
(Collect\$7 and device and microorganism or (Biologic\$5 sample) ) and ((collect\$8 and (device or apparatus or instrument\$7)) )	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-13-2009
(Collect\$7 and device and microorganism or (Biologic\$5 sample) and (collect\$8 and (device or apparatus or instrument\$7)) ) and ((analyz\$6 or Analys\$8) )	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-13-2009
(Collect\$7 and device and microorganism or (Biologic\$5 sample) and (collect\$8 and (device or apparatus or instrument\$7)) and (analyz\$6 or Analys\$8) ) and ("DNA" and Fingerprint\$8 )	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-13-2009
(Collect\$7 and device and microorganism or (Biologic\$5 sample) and (collect\$8 and (device or apparatus or instrument\$7)) and (analyz\$6 or Analys\$8) ) and (automat\$7 and (sample collect\$8) )	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-13-2009
(Collect\$7 and device and microorganism or (Biologic\$5 sample) and (collect\$8 and (device or apparatus or instrument\$7)) and (analyz\$6 or Analys\$8) and automat\$7 and (sample collect\$8) ) and ("MALDI-TOF") and Spectrometry )	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-13-2009
(Collect\$7 and device and microorganism or (Biologic\$5 sample) and (collect\$8 and (device or apparatus or instrument\$7)) and (analyz\$6 or Analys\$8) ) and ("MALDI-TOF") and Spectrometry )	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-13-2009
(Collect\$7 and device and microorganism or (Biologic\$5 sample) and (collect\$8 and (device or apparatus or instrument\$7)) and (analyz\$6 or Analys\$8) and ("MALDI-TOF") and Spectrometry ) and (Aquatic sample )	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-13-2009
(Collect\$7 and device and microorganism or (Biologic\$5 sample) and (collect\$8 and (device or apparatus or instrument\$7)) and (analyz\$6 or Analys\$8) and "DNA" and Fingerprint\$8 ) and (Aquatic sample )	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-13-2009
(Collect\$7 and device and microorganism or (Biologic\$5 sample) and (collect\$8 and (device or apparatus or instrument\$7)) and (analyz\$6 or Analys\$8) and automat\$7 and (sample collect\$8) ) and (Aquatic sample )	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-13-2009

)					
(Collect\$7 and device and microorganism or (Biologic\$5 sample) and (collect\$8 and (device or apparatus or instrument\$7)) and (analyz\$6 or Analys\$8) and automat\$7 and (sample collect\$8) ) and ("DNA" and Fingerprint\$8 )	USOC, EPAB, JPAB, DWPI	ADJ	YES		09-13-2009
<b>6187530.pn.</b>	USPT	ADJ	YES		06-07-2010
"Maldi-tof"	USPT	ADJ	YES		06-07-2010
("Maldi-tof" ) same ( <b>6187530.pn.</b> )	USPT	ADJ	YES		06-07-2010
<b>5830696.pn.</b>	USPT	ADJ	YES		06-07-2010
("Maldi-tof" ) and ( <b>6187530.pn.</b> )	USPT	ADJ	YES		06-07-2010
("Maldi-tof" ) and ( <b>5830696.pn.</b> )	USPT	ADJ	YES		06-07-2010
autosampler same microbe	USPT	ADJ	YES		06-07-2010
autosampler same microorganism	USPT	ADJ	YES		06-07-2010
"DNA" same "MALDI-TOF"	USPT	ADJ	YES		06-07-2010
("DNA" same "MALDI-TOF" ) same (autosampler same microorganism )	USPT	ADJ	YES		06-07-2010
Collect\$7 same device	USPT	ADJ	YES		06-07-2010
microorganism or (Biologic\$5 sample)	USPT	ADJ	YES		06-07-2010
(microorganism or (Biologic\$5 sample) ) same (Collect\$7 same device )	USPT	ADJ	YES		06-07-2010
(microorganism or (Biologic\$5 sample) same Collect\$7 same device ) same ("DNA" same "MALDI-TOF" )	USPT	ADJ	YES		06-07-2010
(autosampler same microorganism ) same (microorganism or (Biologic\$5 sample) same Collect\$7 same device )	USPT	ADJ	YES		06-07-2010
("DNA" same "MALDI-TOF" ) same (Collect\$7 same device )	USPT	ADJ	YES		06-07-2010
("DNA" same "MALDI-TOF" ) same (microorganism or (Biologic\$5 sample) )	USPT	ADJ	YES		06-07-2010
("DNA" same "MALDI-TOF" same microorganism or (Biologic\$5 sample) ) same ("DNA" same "MALDI-TOF" same Collect\$7 same device )	USPT	ADJ	YES		06-07-2010
(hollow fiber) same (cell near2 capture\$4)	USPT	ADJ	YES		06-07-2010
("hollow fiber") same (cell near2 capture\$4)	USPT	ADJ	YES		06-07-2010

(""Maldi-tof")	USPT	ADJ	YES		06-07-2010
autosampler same microorganism	USPT	ADJ	YES		06-07-2010
"DNA" same "MALDI-TOF"	USPT	ADJ	YES		06-07-2010
Collect\$7 same (apparatus or device or instrument or equipment)	USPT	ADJ	YES		06-07-2010
microorganism or (Biologic\$5 sample)	USPT	ADJ	YES		06-07-2010
("capillary") same (micro-environment or (micro environment) or soil or microcosm)	USPT	ADJ	YES		06-07-2010
(Collect\$7 same (apparatus or device or instrument or equipment) ) same ("hollow fiber") same (cell near2 capture\$4) )	USPT	ADJ	YES		06-07-2010
(Collect\$7 same (apparatus or device or instrument or equipment) ) and ("hollow fiber") same (cell near2 capture\$4) )	USPT	ADJ	YES		06-07-2010
(Collect\$7 same (apparatus or device or instrument or equipment) ) same ("capillary") same (micro-environment or (micro environment) or soil or microcosm) )	USPT	ADJ	YES		06-07-2010
(Collect\$7 same (apparatus or device or instrument or equipment) same ("capillary") same (micro-environment or (micro environment) or soil or microcosm) ) same (microorganism or (Biologic\$5 sample) )	USPT	ADJ	YES		06-07-2010
(autosampler same microorganism ) same (Collect\$7 same (apparatus or device or instrument or equipment) same ("capillary") same (micro-environment or (micro environment) or soil or microcosm) )	USPT	ADJ	YES		06-07-2010
(autosampler same microorganism ) same ("capillary") same (micro-environment or (micro environment) or soil or microcosm) )	USPT	ADJ	YES		06-07-2010
(("Maldi-tof") ) same ("DNA" same "MALDI-TOF" )	USPT	ADJ	YES		06-07-2010
(("Maldi-tof") same "DNA" same "MALDI-TOF" ) same ("hollow fiber") same (cell near2 capture\$4) )	USPT	ADJ	YES		06-07-2010
(("Maldi-tof") same "DNA" same "MALDI-TOF" ) same (autosampler same microorganism )	USPT	ADJ	YES		06-07-2010
(("Maldi-tof") same "DNA" same "MALDI-TOF" ) same (microorganism or (Biologic\$5 sample) )	USPT	ADJ	YES		06-07-2010
(microorganism or (Biologic\$5 sample) same Collect\$7 same device ) and ("DNA" same "MALDI-TOF" )	USPT	ADJ	YES		06-07-2010

(Collect\$7 same (apparatus or device or instrument or equipment) ) and (("hollow fiber") same (cell near2 capture\$4) )	USPT	ADJ	YES		06-07-2010
(autosampler same microorganism ) and (("capillary") same (micro-environment or (micro environment) or soil or microcosm) )	USPT	ADJ	YES		06-07-2010
(autosampler same microorganism ) and (Collect\$7 same (apparatus or device or instrument or equipment) same ("capillary") same (micro-environment or (micro environment) or soil or microcosm) )	USPT	ADJ	YES		06-07-2010
(autosampler same microorganism ) and (("Maldi-tof") same "DNA" same "MALDI-TOF" )	USPT	ADJ	YES		06-07-2010
(("hollow fiber") same (cell near2 capture\$4) ) and (("Maldi-tof") same "DNA" same "MALDI-TOF" )	USPT	ADJ	YES		06-07-2010
(microorganism or (Biologic\$5 sample) same Collect\$7 same device and "DNA" same "MALDI-TOF" ) and (Collect\$7 same (apparatus or device or instrument or equipment) and ("hollow fiber") same (cell near2 capture\$4) )	USPT	ADJ	YES		06-07-2010
<b>autosampler and microorganism</b>	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-07-2010
<b>"DNA" and "MALDI-TOF"</b>	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-07-2010
<b>Collect\$7 and device</b>	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-07-2010
<b>(Collect\$7 and device ) and (autosampler and microorganism )</b>	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-07-2010
<b>(Collect\$7 and device and autosampler and microorganism ) and ("DNA" and "MALDI-TOF" )</b>	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-07-2010
<b>microorganism or (Biologic\$5 sample)</b>	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-07-2010

(microorganism or (Biologic\$5 sample) ) and (Collect\$7 and device )	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-07-2010
("hollow fiber") and (cell and capture\$4)	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-07-2010
("hollow fiber") and (mixrob\$12 and capture\$4)	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-07-2010
("hollow fiber") and (mirob\$12 and capture\$4)	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-07-2010
("hollow fiber") and ((bacteria or fungi or actinomycete or protozoa or (filamentous bacteria) or yeast or (filamentous fungi)) and capture\$4)	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-07-2010
((("hollow fiber") and ((bacteria or fungi or actinomycete or protozoa or (filamentous bacteria) or yeast or (filamentous fungi)) and capture\$4) ) and (microorganism or (Biologic\$5 sample) )	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-07-2010
("capillary") and (micro-environment or (micro environment) or soil or microcosm)	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-07-2010
((("capillary") and (micro-environment or (micro environment) or soil or microcosm) ) and (microorganism or (Biologic\$5 sample) )	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-07-2010
((("capillary") and (micro-environment or (micro environment) or soil or microcosm) and microorganism or (Biologic\$5 sample) ) and ((("hollow fiber") and (cell and capture\$4) )	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-07-2010
((("capillary") and (micro-environment or (micro environment) or soil or microcosm) and microorganism or (Biologic\$5 sample) ) and ((("hollow fiber") and ((bacteria or fungi or actinomycete or protozoa or (filamentous bacteria) or yeast or (filamentous fungi)) and capture\$4) ))	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-07-2010
((("capillary") and (micro-environment or (micro environment) or soil or microcosm) ) and (Collect\$7 and	USOC, EPAB,	ADJ	YES		06-07-2010

device )	JPAB, DWPI				
((("capillary") and (micro-environment or (micro environment) or soil or microcosm) and Collect\$7 and device ) and ((("capillary") and (micro-environment or (micro environment) or soil or microcosm) and microorganism or (Biologic\$5 sample) )	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-07-2010
("DNA" and "MALDI-TOF" ) and (microorganism or (Biologic\$5 sample) )	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-07-2010
("DNA" and "MALDI-TOF" and microorganism or (Biologic\$5 sample) ) and ((("capillary") and (micro-environment or (micro environment) or soil or microcosm) and Collect\$7 and device and ("capillary") and (micro-environment or (micro environment) or soil or microcosm) and microorganism or (Biologic\$5 sample) )	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-07-2010
("DNA" and "MALDI-TOF" and microorganism or (Biologic\$5 sample) ) and ((("hollow fiber") and ((bacteria or fungi or actinomycete or protozoa or (filamentous bacteria) or yeast or (filamentous fungi)) and capture\$4) and microorganism or (Biologic\$5 sample) )	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-07-2010
((("capillary") and (micro-environment or (micro environment) or soil or microcosm) and Collect\$7 and device and ("capillary") and (micro-environment or (micro environment) or soil or microcosm) and microorganism or (Biologic\$5 sample) ) and ((("hollow fiber") and ((bacteria or fungi or actinomycete or protozoa or (filamentous bacteria) or yeast or (filamentous fungi)) and capture\$4) and microorganism or (Biologic\$5 sample) )	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-07-2010
capillary or (capillary action)	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-07-2010
(capillary or (capillary action) ) and ((("hollow fiber") and (cell and capture\$4) )	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-07-2010
(capillary or (capillary action) ) and ((("capillary") and (micro-environment or (micro environment) or soil or microcosm) and Collect\$7 and device and ("capillary") and (micro-environment or (micro environment) or soil	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-07-2010

or microcosm) and microorganism or (Biologic\$5 sample) )					
(capillary or (capillary action) and ("capillary") and (micro-environment or (micro environment) or soil or microcosm) and Collect\$7 and device and ("capillary") and (micro-environment or (micro environment) or soil or microcosm) and microorganism or (Biologic\$5 sample) ) and ((("hollow fiber")) and ((bacteria or fungi or actinomycete or protozoa or (filamentous bacteria) or yeast or (filamentous fungi)) and capture\$4) and microorganism or (Biologic\$5 sample) )	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-07-2010
<b>6187530.pn.</b>	USPT	ADJ	YES		06-13-2010
"Maldi-tof"	USPT	ADJ	YES		06-13-2010
<b>5830696.pn.</b>	USPT	ADJ	YES		06-13-2010
autosampler same microorganism	USPT	ADJ	YES		06-13-2010
"DNA" same "MALDI-TOF"	USPT	ADJ	YES		06-13-2010
Collect\$7 same device	USPT	ADJ	YES		06-13-2010
microorganism or (Biologic\$5 sample)	USPT	ADJ	YES		06-13-2010
(microorganism or (Biologic\$5 sample) ) same (Collect\$7 same device )	USPT	ADJ	YES		06-13-2010
(autosampler same microorganism ) same (microorganism or (Biologic\$5 sample) same Collect\$7 same device )	USPT	ADJ	YES		06-13-2010
("DNA" same "MALDI-TOF" ) same (Collect\$7 same device )	USPT	ADJ	YES		06-13-2010
("DNA" same "MALDI-TOF" ) same (microorganism or (Biologic\$5 sample) )	USPT	ADJ	YES		06-13-2010
(hollow fiber) same (cell near2 capture\$4)	USPT	ADJ	YES		06-13-2010
("hollow fiber") same (cell near2 capture\$4)	USPT	ADJ	YES		06-13-2010
("Maldi-tof")	USPT	ADJ	YES		06-13-2010
autosampler same microorganism	USPT	ADJ	YES		06-13-2010
"DNA" same "MALDI-TOF"	USPT	ADJ	YES		06-13-2010
Collect\$7 same (apparatus or device or instrument or equipment)	USPT	ADJ	YES		06-13-2010
microorganism or (Biologic\$5 sample)	USPT	ADJ	YES		06-13-2010
("capillary") same (micro-environment or (micro environment) or soil or microcosm)	USPT	ADJ	YES		06-13-2010

(Collect\$7 same (apparatus or device or instrument or equipment) ) and (("hollow fiber") same (cell near2 capture\$4) )	USPT	ADJ	YES		06-13-2010
(Collect\$7 same (apparatus or device or instrument or equipment) ) same ("capillary") same (micro-environment or (micro environment) or soil or microcosm) )	USPT	ADJ	YES		06-13-2010
(Collect\$7 same (apparatus or device or instrument or equipment) same ("capillary") same (micro-environment or (micro environment) or soil or microcosm) ) same (microorganism or (Biologic\$5 sample) )	USPT	ADJ	YES		06-13-2010
(("Maldi-tof") ) same ("DNA" same "MALDI-TOF" )	USPT	ADJ	YES		06-13-2010
((("Maldi-tof") same "DNA" same "MALDI-TOF" ) same (microorganism or (Biologic\$5 sample) )	USPT	ADJ	YES		06-13-2010
(microorganism or (Biologic\$5 sample) same Collect\$7 same device ) and ("DNA" same "MALDI-TOF" )	USPT	ADJ	YES		06-13-2010
(Collect\$7 same (apparatus or device or instrument or equipment) ) and (("hollow fiber") same (cell near2 capture\$4) )	USPT	ADJ	YES		06-13-2010
autosampler and microorganism	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-13-2010
"DNA" and "MALDI-TOF"	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-13-2010
Collect\$7 and device	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-13-2010
(Collect\$7 and device ) and (autosampler and microorganism )	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-13-2010
microorganism or (Biologic\$5 sample)	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-13-2010
(microorganism or (Biologic\$5 sample) ) and (Collect\$7 and device )	USOC, EPAB,	ADJ	YES		06-13-2010

	JPAB, DWPI				
("hollow fiber") and (cell and capture\$4)	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-13-2010
("hollow fiber") and ((bacteria or fungi or actinomycete or protozoa or (filamentous bacteria) or yeast or (filamentous fungi)) and capture\$4)	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-13-2010
((("hollow fiber") and ((bacteria or fungi or actinomycete or protozoa or (filamentous bacteria) or yeast or (filamentous fungi)) and capture\$4) ) and (microorganism or (Biologic\$5 sample) )	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-13-2010
("capillary") and (micro-environment or (micro environment) or soil or microcosm)	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-13-2010
((("capillary") and (micro-environment or (micro environment) or soil or microcosm) ) and (microorganism or (Biologic\$5 sample) )	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-13-2010
((("capillary") and (micro-environment or (micro environment) or soil or microcosm) ) and (Collect\$7 and device )	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-13-2010
((("capillary") and (micro-environment or (micro environment) or soil or microcosm) and Collect\$7 and device ) and ((("capillary") and (micro-environment or (micro environment) or soil or microcosm) and microorganism or (Biologic\$5 sample) )	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-13-2010
("DNA" and "MALDI-TOF" ) and (microorganism or (Biologic\$5 sample) )	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-13-2010
("DNA" and "MALDI-TOF" and microorganism or (Biologic\$5 sample) ) and ((("hollow fiber") and ((bacteria or fungi or actinomycete or protozoa or (filamentous bacteria) or yeast or (filamentous fungi)) and capture\$4) and microorganism or (Biologic\$5 sample) )	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-13-2010
((("capillary") and (micro-environment or (micro environment) or soil or microcosm) and Collect\$7 and device and ("capillary") and (micro-environment or	USOC, EPAB, JPAB,	ADJ	YES		06-13-2010

(micro environment) or soil or microcosm) and microorganism or (Biologic\$5 sample) ) and (("hollow fiber") and ((bacteria or fungi or actinomycete or protozoa or (filamentous bacteria) or yeast or (filamentous fungi)) and capture\$4) and microorganism or (Biologic\$5 sample) )	DWPI				
capillary or (capillary action)	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-13-2010
(capillary or (capillary action) ) and (("hollow fiber") and (cell and capture\$4) )	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-13-2010
(capillary or (capillary action) ) and (("capillary") and (micro-environment or (micro environment) or soil or microcosm) and Collect\$7 and device and ("capillary") and (micro-environment or (micro environment) or soil or microcosm) and microorganism or (Biologic\$5 sample) )	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-13-2010
(capillary or (capillary action) and ("capillary") and (micro-environment or (micro environment) or soil or microcosm) and Collect\$7 and device and ("capillary") and (micro-environment or (micro environment) or soil or microcosm) and microorganism or (Biologic\$5 sample) ) and (("hollow fiber") and ((bacteria or fungi or actinomycete or protozoa or (filamentous bacteria) or yeast or (filamentous fungi)) and capture\$4) and microorganism or (Biologic\$5 sample) )	USOC, EPAB, JPAB, DWPI	ADJ	YES		06-13-2010